

VG4038/VG4039



# VCR User's Guide

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*We bring good things to life.*

# Important Information

## WARNING

To reduce the risk of fire or shock hazard, do not expose this VCR to rain or moisture.

## WARNING

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

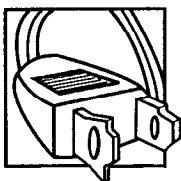


This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.



This symbol indicates important instructions accompanying the product.

## Cautions



To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.

Do not defeat the safety feature of the plug. The wide blade fits into the wall socket only one way. If you need an extension cord, make sure it matches the plug of the VCR.

For U.S.A. — Operate VCR only on 120 volts, 60Hz AC power (normal house power).

For safety reasons, make sure any equipment or accessories connected to this product bears the UL listing mark, or if purchased and used in Canada, the CSA certification mark. If in doubt, contact qualified service personnel.

FCC Regulations state that unauthorized changes or modifications to this equipment may void the user's authority to operate it.

## Note To Cable TV Installer

This reminder is provided to call your attention to Article 820-40 of the National Electrical Code (Section 54 of the Canadian Electrical Code, Part 1) which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

## Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

Keep your sales receipt to obtain warranty parts and service and for proof of purchase. Attach it here and record the serial and model numbers in case you need them. The numbers are located on the back of the VCR.

Model No. VG4038/ VG4039

Serial No. \_\_\_\_\_

Purchase Date: \_\_\_\_\_

Dealer/ Address/Phone: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

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## **Choosing a Hookup**

The hookups on pages 3 through 5 are divided into two hookup types: Basic (A) and Advanced (B).

The basic hookup shows the backs of TVs that have only an antenna/cable connection. It is the easier of the two and additional accessories may not be needed.

The advanced hookup shows the VCR hooked up to a monitor/receiver (TV with audio and video jacks) using a signal splitter. This connection may improve the picture quality as well as convenience of operation.

### **Answer the questions to choose the hookup for your VCR.**

#### **1. How do you receive your TV signals?**

Choose one answer from below.

- A. Outside antenna – Turn to page 3.
- B. Rabbit ears (set-top) and/or bow tie antenna – Turn to page 3.
- C. Cable System – Go to question 2.

#### **2. What type of Cable-TV system\* do you have?**

Choose one answer from below.

- A. Cable without a box – Turn to page 3.
- B. Cable box to unscramble all the channels – Turn to page 4.
- C. Cable box to unscramble only pay channels, such as HBO, Showtime, Cinemax, etc. – Turn to page 5.

\*You may need to contact your local cable company for assistance.

### **Optional Hookups**

#### **How to hook up two VCRs for copying tapes?**

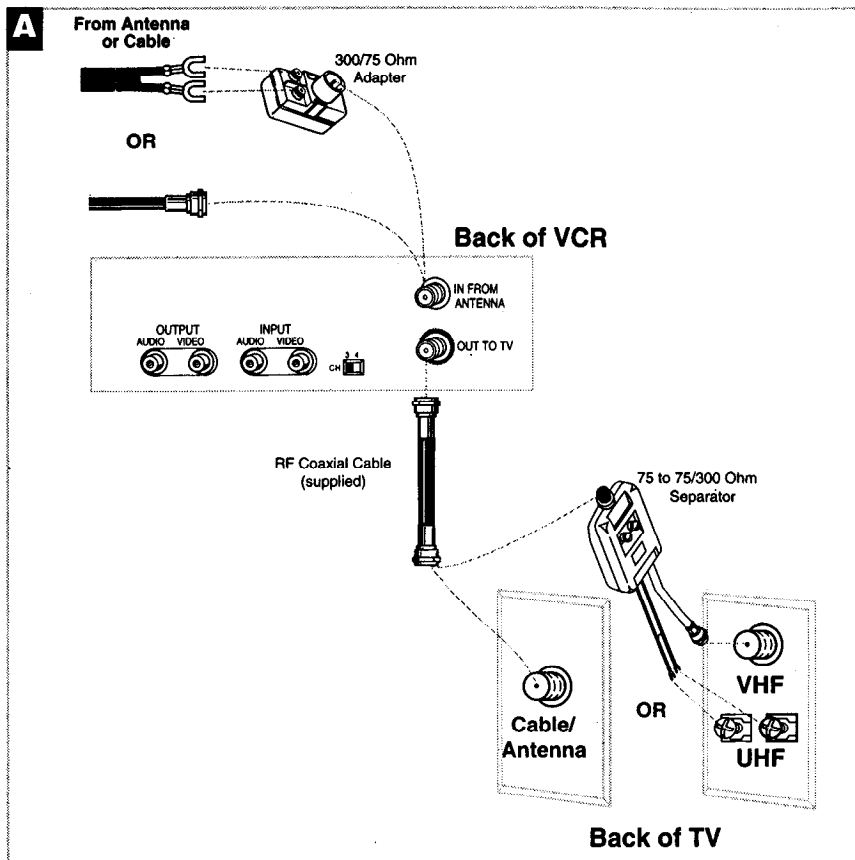
- A. Select a hookup by answering questions 1 and 2 above.
- B. Then modify the connections as shown on page 6.

## Antenna or Cable System Without a Cable Box

### A. Basic hookup.

Use this hookup for a simple connection which requires fewer accessories.

1. Set the CH3 CH4 switch on back of VCR to either channel 3 or 4.  
You will tune the TV to this channel and use the TV•VCR button to watch the VCR.
2. Connect as shown.  
This connection may require additional accessories not provided.
3. Plug in power cords of VCR and TV.
4. Continue to page 7.

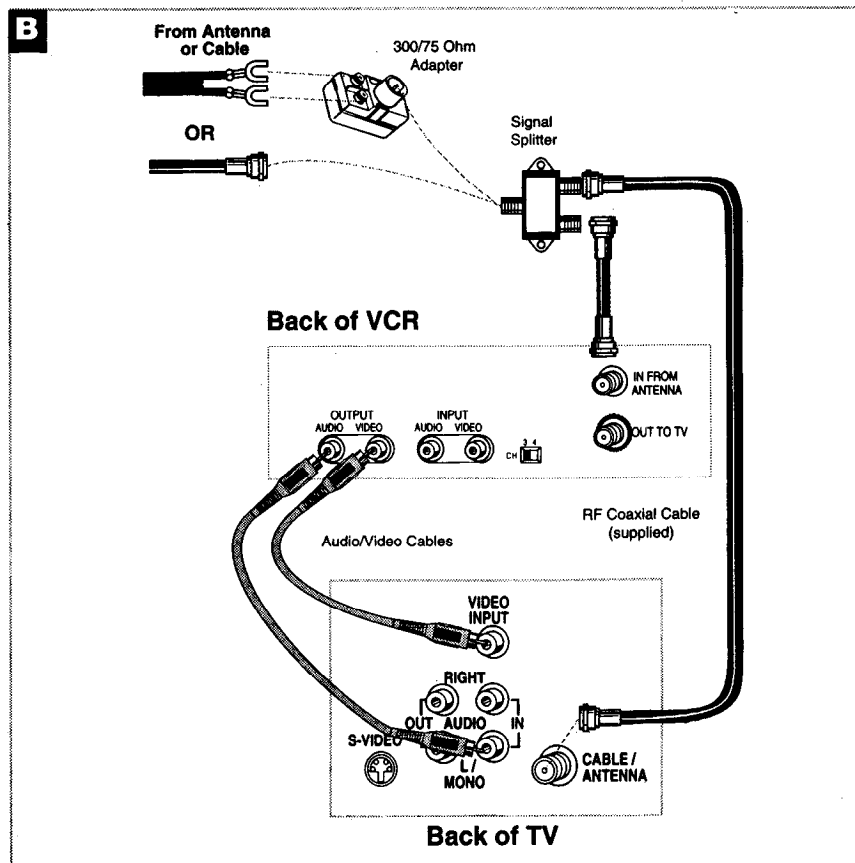


### B. Advanced hookup.

Use this hookup for slightly improved picture quality and more convenient operation — use of TV•VCR button not required.

1. Connect as shown.  
This connection requires additional accessories not provided.
2. Plug in power cords of VCR and TV.
3. Continue to page 7.

You will tune the TV to its video input to watch the VCR.

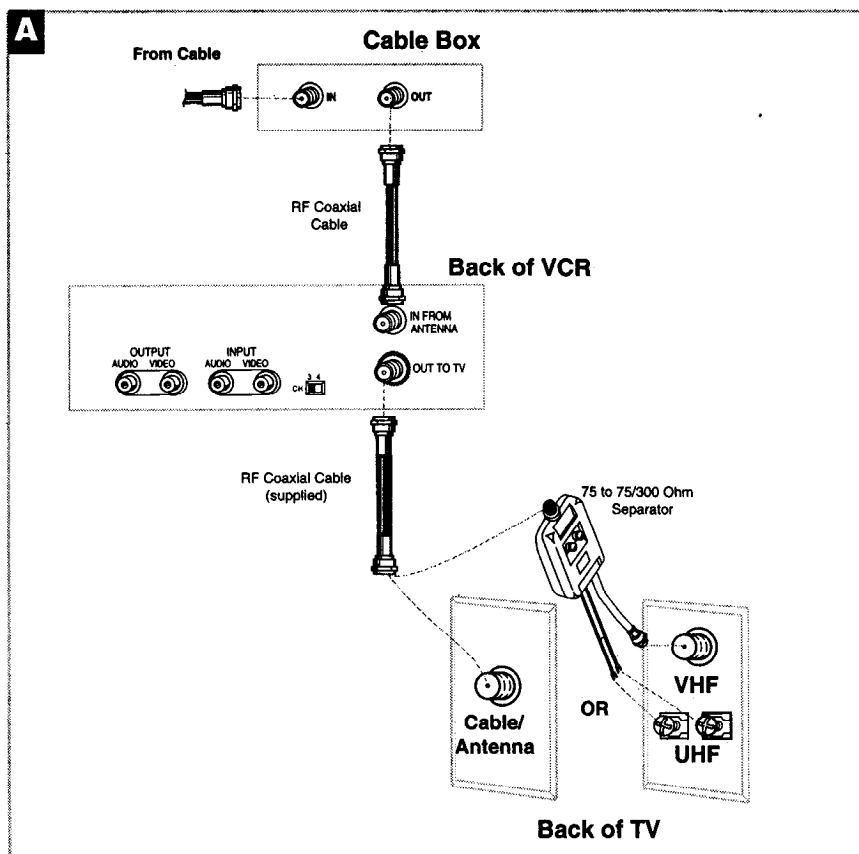


# Cable System With Cable Box to Unscramble All Channels

## A. Basic hookup.

Use this hookup for a simple connection which requires fewer accessories.

1. **Set the CH3 CH4 switch on back of VCR to either channel 3 or 4.**  
You will tune the TV to this channel and use the TV•VCR button to watch the VCR.
2. **Connect as shown.**  
This connection may require additional accessories not provided.
3. **Plug in power cords of VCR, TV, and cable box.**
4. **Continue to page 7.**

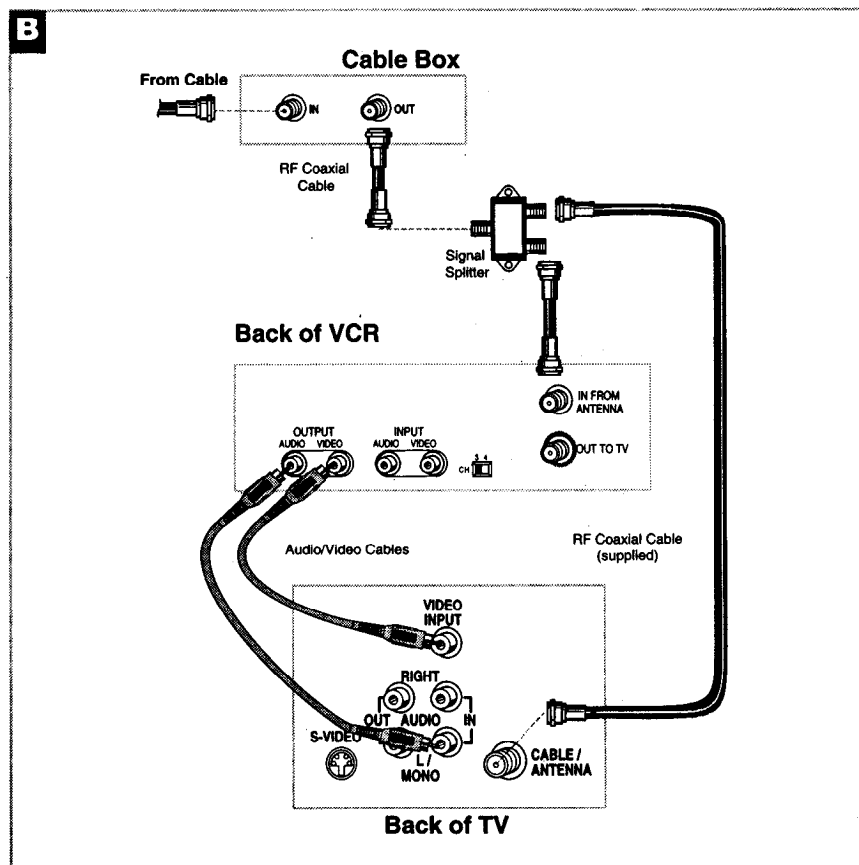


## B. Advanced hookup.

Use this hookup for slightly improved picture quality and more convenient operation — use of TV•VCR button not required.

1. **Connect as shown.**  
This connection requires additional accessories not provided.
2. **Plug in power cords of VCR, TV, and cable box.**
3. **Continue to page 7.**

You will tune the TV to its video input to watch the VCR.



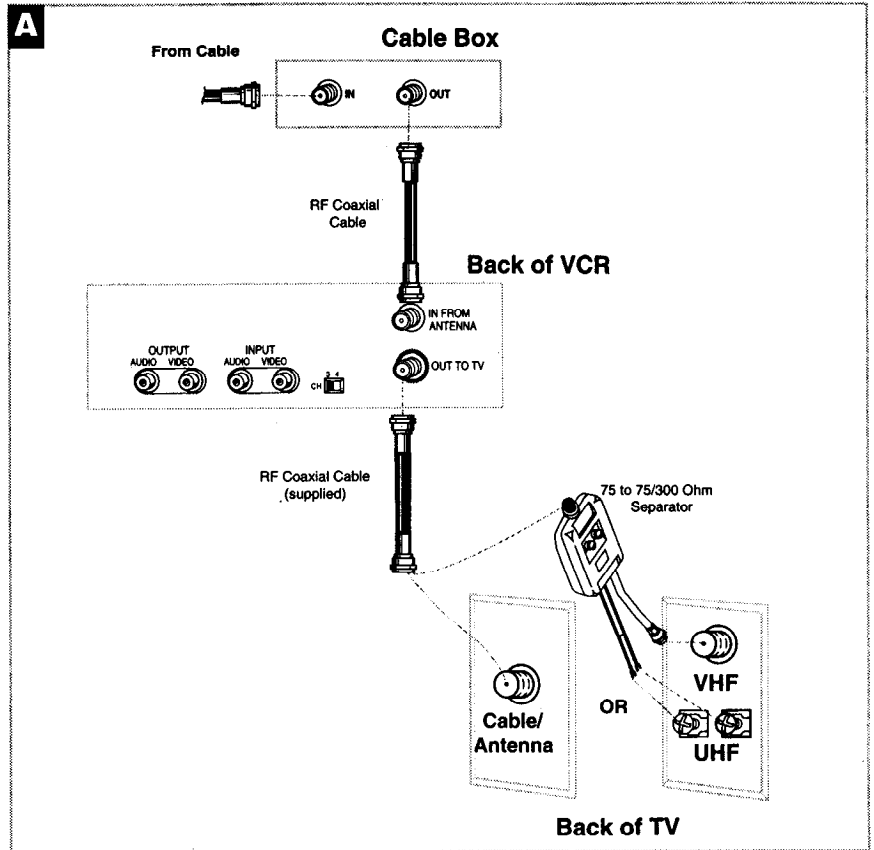
# Cable System With Cable Box to Unscramble Pay Channels

(such as HBO, Showtime, Pay-Per-View, etc.)

## A. Basic hookup.

Use this hookup for a simple connection which requires fewer accessories.

1. Set the CH3 CH4 switch on back of VCR to either channel 3 or 4.  
You will tune the TV to this channel and use the TV•VCR button to watch the VCR.
2. Connect as shown.  
This connection may require additional accessories not provided.
3. Plug in power cords of VCR, TV, and cable box.
4. **Continue to page 7.**

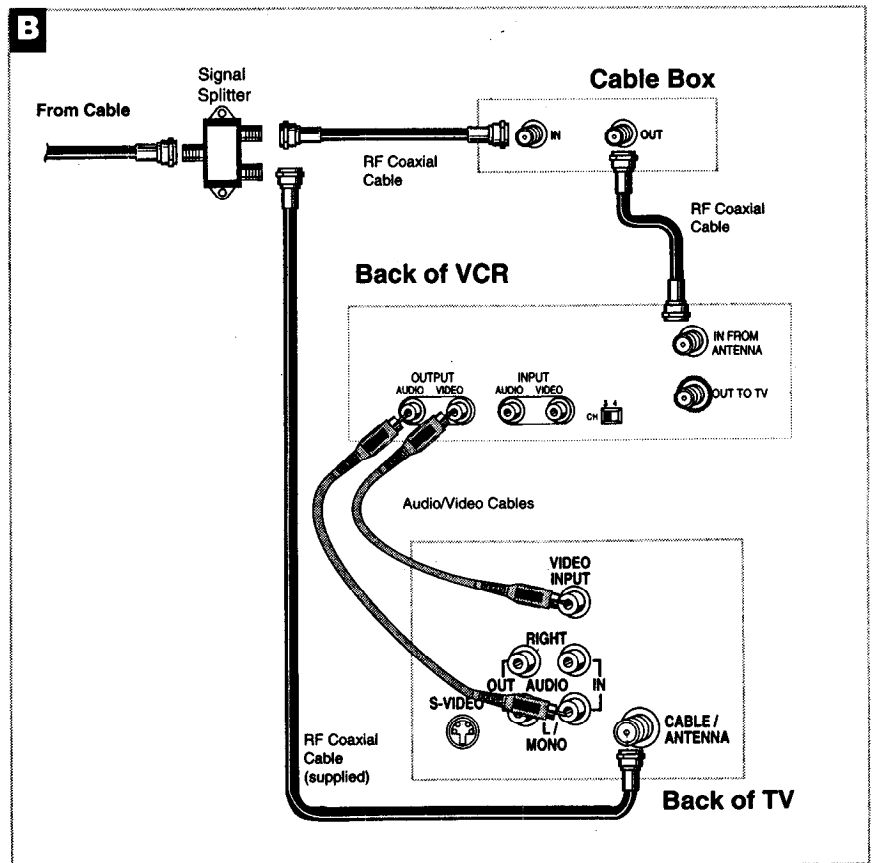


## B. Advanced hookup.

Use this hookup for slightly improved picture quality and more convenient operation — use of TV•VCR button not required.

1. Connect as shown.  
This connection requires additional accessories not provided.
2. Plug in power cords of VCR, TV, and cable box.
3. **Continue to page 7.**

You will tune the TV to its video input to watch the VCR. All pay channels are viewed through the VCR.

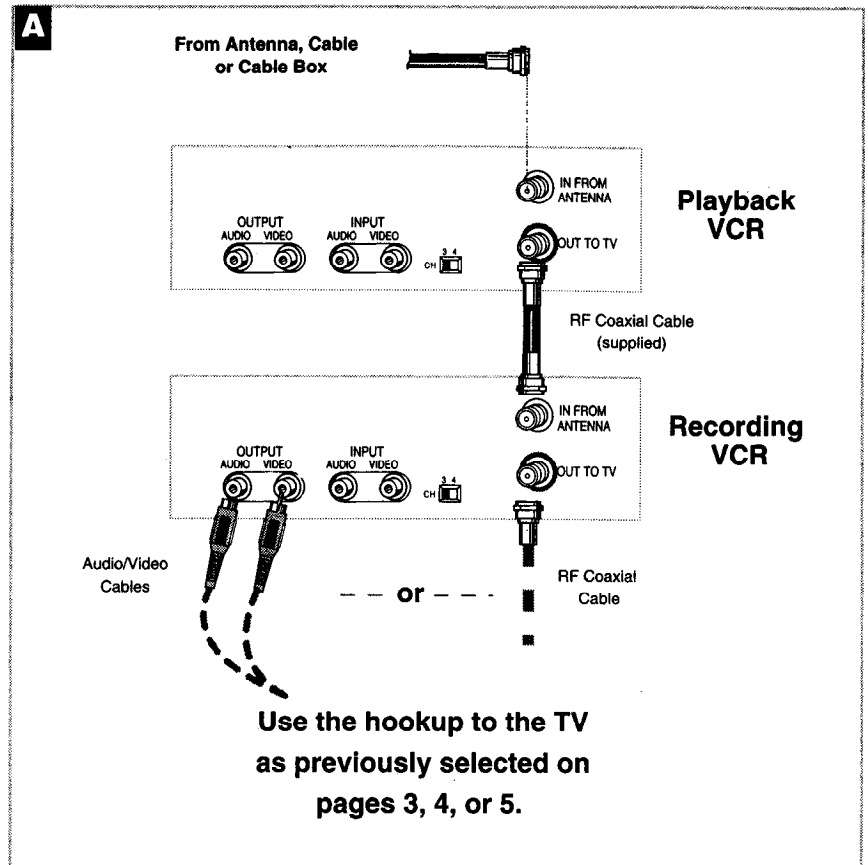


## Connecting Two VCRs for Copying Tapes

### Option A hookup.

Use this hookup for a simple connection which requires fewer accessories.

1. Select a hookup from pages 2 through 5 and then modify with this connection.
2. Set the CH3 CH4 switch on the playback VCR to either channel 3 or 4.  
You will tune the recording VCR to this channel to receive the signal from the playback VCR.
3. Connect as shown.  
This connection may require additional accessories not provided.
4. Plug in power cords of VCRs and TV.
5. **Continue to page 7.**



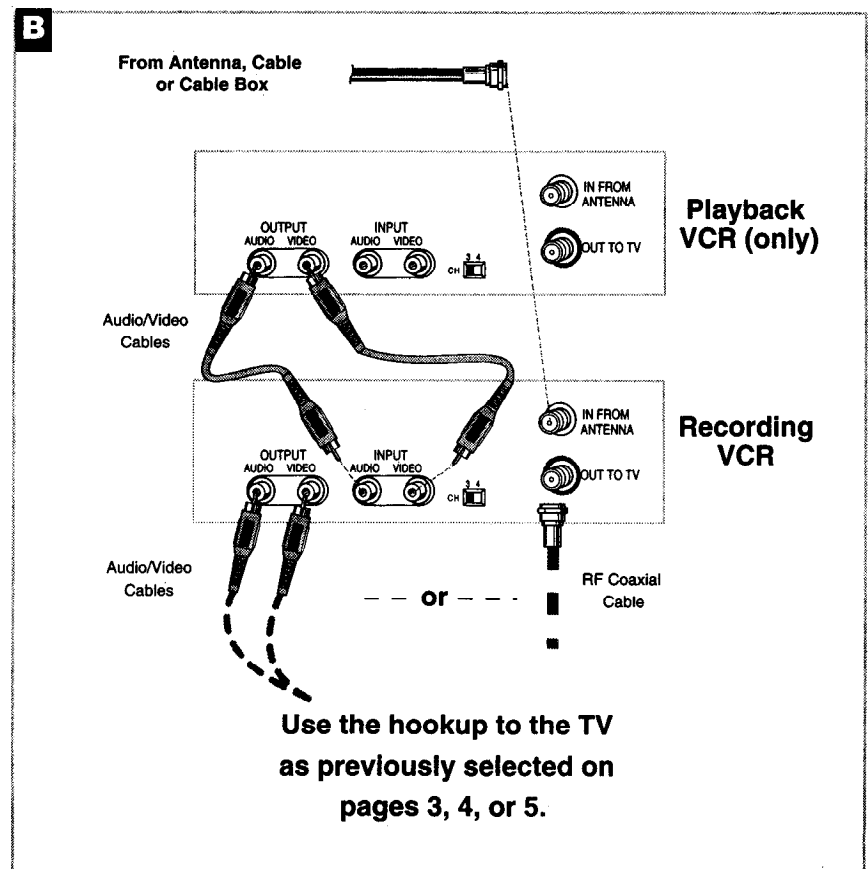
### Option B hookup.

Use this hookup for slightly improved copy quality and more convenient operation — use of TV•VCR button not required.

1. Select a hookup from pages 2 through 5 and then modify with this connection.
2. Connect as shown.  
This connection requires additional accessories not provided.
3. Plug in power cords of VCRs and TV.
4. **Continue to page 7.**

You will select the line (audio/video) input on the recording VCR to receive the signal from the playback VCR.

Caution: The unauthorized recording of television programs and other materials may infringe the rights of others.

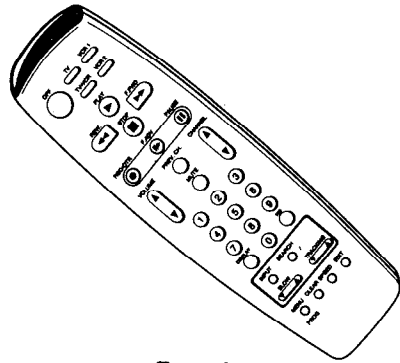




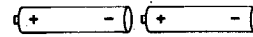
## Startup

### 1. Check accessories with VCR.

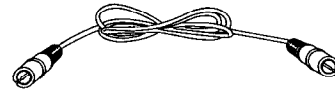
Contact your dealer if any items are missing.



Remote  
(Stock No. 221298)

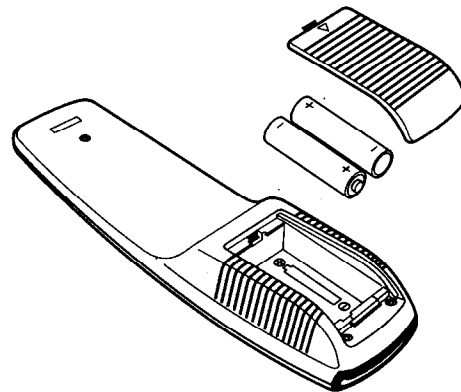
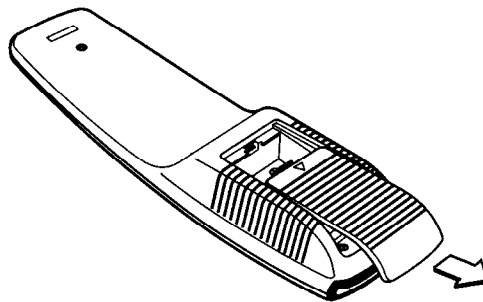


2 "AA" Batteries



RF Coaxial Cable  
(Stock No. 207417)

### 2. Insert batteries in remote.



### 3. Turn on the TV.

- A. Turn on the TV.
- B. If you used one of the basic hookups, tune the TV to the channel selected with the CH3 CH4 switch on back of VCR.  
If you used one of the advanced hookups, tune the TV to the TV's video input.  
(See TV owner's manual for details.)

### 4. Turn on the VCR.

- A. Press VCR1 on the remote.

## Startup

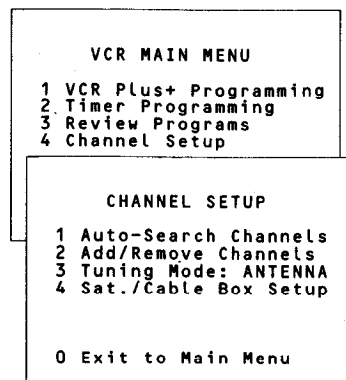
### 5. Place channels in the VCR's memory.

Channels 2 through 13 including line input (L) are in the VCR's memory when you first turn it on. Pressing CHANNEL up or down stops on these channels. To get additional channels available on your antenna or cable system, you must use the Auto-Search Channels feature of the VCR. If you ever change cable or antenna signals, you may need to Auto-Search channels again.

- A. Press VCR1 to set remote to control VCR.
- B. Press MENU•PROG on the remote to see the VCR MAIN MENU on the TV screen. If the menu does not appear on the TV screen:
  - Make sure TV is tuned to same channel as CH3 CH4 switch on VCR or the TV's video input (refer to TV's manual).
  - Press VCR1 and then press MENU•PROG.
  - If you use a basic hookup, check VCR indicator in display panel — it should be on. Press TV•VCR to turn it on.
  - Check the connections.
- C. Press 4 to select CHANNEL SETUP.
- D. Press 1 to begin Auto-Search Channels.

Wait until the channel numbers stop changing. This takes about one to two minutes. The TV will then tune to the lowest channel found. Pressing CHANNEL up or down will select only the active channels.

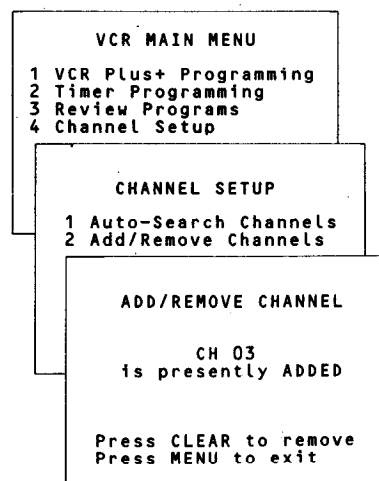
The VCR automatically selects ANTENNA or CABLE of the Tuning Mode feature in the CHANNEL SETUP menu. If you need to change the setting manually, press 3.



### 6. Add or remove channels from the VCR's memory.

You may want to add or remove channels if some of the channels are not active, have weak signals, or you do not want to watch them.

- A. Press VCR1.
- B. Press MENU•PROG on the remote to see the VCR MAIN MENU on the TV screen.
- C. Press 4 to display the CHANNEL SETUP menu.
- D. Press 2 to display the ADD/REMOVE CHANNEL menu.
- E. Follow the directions on the screen.
- F. Add or remove more channels by entering channel numbers or using CHANNEL up and down buttons.



# Startup

## 7. Use TV•VCR button.

Skip this step if you used one of the advanced hookups.

When using one of the basic hookups, the TV•VCR button lets you switch between the picture coming from the VCR or television channels. This button allows you to record a program on the VCR while watching another channel on the TV. *Details are on page 18.*

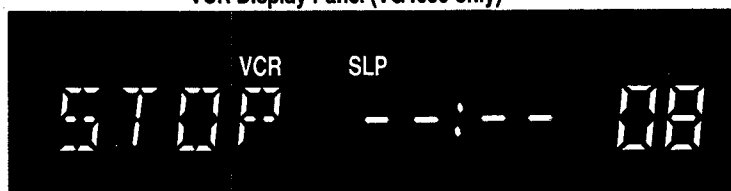
- A. Press VCR1 to set the remote to control the VCR.
- B. Press TV•VCR to see the picture from the VCR. The VCR indicator lights in the display panel.
- C. Press CHANNEL up or down to change channels on the VCR. The channel number changes on the TV screen.
- D. Press TV•VCR to see the TV channels. The VCR indicator does not light in the display panel. Change channels using the TV's remote.
- E. Return the TV to the VCR viewing channel — CH3 or CH4.
- F. Press VCR1, then TV•VCR to switch back to the picture from the VCR.

## 8. Set the time and date.

**Important:** Only model VG4039 is equipped with a clock on the front display panel. Model VG4038's clock must be set using the on-screen display.

When you first turn on the VG4039 VCR, --:-- appears in the clock area of the VCR's display panel.

VCR Display Panel (VG4039 only)



- A. Press MENU•PROG on remote to see VCR MAIN MENU on the TV screen.
- B. Press 6 to display SET VCR CLOCK.
- C. Enter the time and date with the number buttons on the remote.
  - Press 0 before single-digit numbers. Example: press 0, then 5, then 0, then 7 for a time of 5:07. Press 1 for AM or 2 for PM.
  - Press CLEAR on the remote to change incorrect entries.
- D. Press MENU•PROG to remove the SET VCR CLOCK menu from the TV screen and start the clock.
- E. Press 0 to exit the menu system.

The time will appear in the VCR's display panel for VG4039 model and the time and date will appear on the TV screen whenever you press DISPLAY.

VCR MAIN MENU

1 VCR PLUS+ Programming  
 2 Timer Programming  
 3 Review Programs  
 4 Channel Setup  
 5 VCR Setup Options  
 6 Set VCR Clock

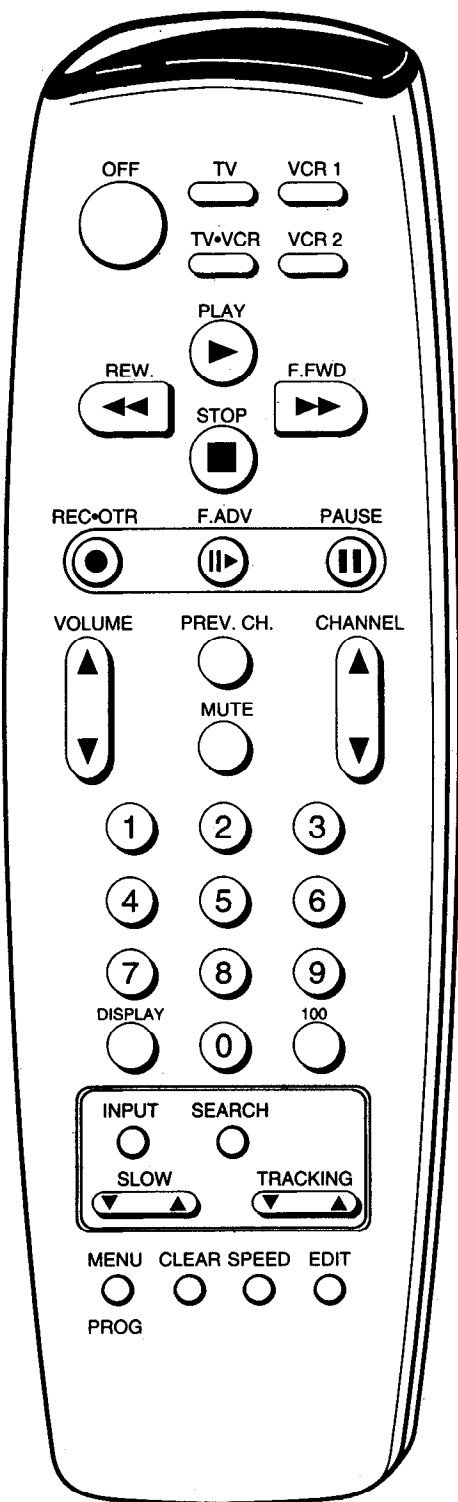
SET VCR CLOCK

Time ~~h~~:--  
 (hh:mm)

Date --/--/--

Press MENU to exit

# Buttons



## Component Buttons

Press one of the buttons to set the remote to operate that component.

### TV

Turns on a compatible GE, RCA, or ProScan TV and sets the remote to control the TV. *See page 12.*

### VCR2

Turns on a compatible GE, RCA, or ProScan VCR and sets remote to control the VCR when it has been setup. *See page 12.*

### VCR1

Turns on a compatible GE, RCA, or ProScan VCR and sets remote to control the VCR.

## VCR Function Buttons

Press VCR1 (VCR2) to set remote to control the VCR to use the function

### CHANNEL ▲/▼

Selects next higher or lower channel in the VCR's channel memory.

### INPUT

Turns the line input (L) in VCR display panel (VG4039 only) or VIDEO IN on TV screen on or off.

### CLEAR

Resets time counter to 0:00:00.

Line input refers to the signal coming from the component connected to the audio/video jacks on the back of the VCR.

Allows you to change entries when setting the clock or VCR for a VCR Plus+ or timer recording.

### MENU•PROG

Displays the VCR MAIN MENU on the TV screen.

### DISPLAY

Shows VCR operating displays on the TV screen.

Removes a menu from the screen.

Displays the time counter.

### Numbers (0 through 9 & 100)

Select a channel up to 99 by pressing two numbers.

### EDIT

Signals two properly connected VCRs to begin copying a tape. *See page 26.*

Select a cable channel over 99 by pressing 100 and then two numbers.

### F.ADV (Frame Advance)

Lets you view one frame with each press of the button when tape is in stop-action pause.

Press the 100 button, then two numbers to select a channel over 99.

### F.FWD (Fast Forward)

Fast forwards the tape when the VCR is stopped.

Or, select a cable channel over 99 by pressing and holding 1 until 1-- appears on the screen. Then press the other two numbers.

Searches the picture in forward motion during playback.

### OFF

Turns off VCR when remote is set control the VCR.

## Buttons

### VCR Function Buttons

(continued)

#### PAUSE

Pauses action for viewing during playback.

Pauses recording to prevent recording of unwanted scenes.

#### PLAY

Plays a tape.

#### PREV. CH. (Previous Channel)

Switches between two channels.

Select one channel and then select another. Press PREV CH to switch between the two channels.

#### REC•OTR

Starts VCR recording.

Used for one touch recording (OTR). See page 20.

#### REW (Rewind)

Rewinds the tape when the VCR is stopped.

Searches the picture in reverse motion during playback.

#### SEARCH

Displays INDEX, TIME and GO-TO SEARCH menus on TV.

Advances tape 60 or 120 seconds during playback.

#### SLOW ▲/▼

Used for slow-motion playback.

#### SPEED (Tape Speed)

Selects a recording speed (SP, LP, SLP).

#### STOP

Stops the normal functions such as record, playback, rewind, fast forward, and pause of the VCR.

#### TRACKING ▼/▲

Lets you manually reduce the streaks that may appear on the picture during play or pause.

Reduces picture "jitter" during stop-action playback.

#### TV•VCR

Switches the picture signal so that it either comes from the VCR or the TV channel. See page 9.

### TV Function Buttons

Press the TV button to set remote to control a compatible TV. Some buttons may not work with the TV.

#### CHANNEL ▲/▼

Selects next higher or lower channel in the TV's channel memory when remote is set to control a TV.

#### CLEAR

Removes menus or status displays from the screen.

#### DISPLAY

Shows the status displays on the screen.

Removes menus or displays from the screen.

#### MUTE

Turns the TV sound on or off.

#### Numbers (0 through 9)

Select a channel up to 99 by pressing two numbers.

Select a cable channel over 99 by pressing 100 and then two numbers.

Press the 100 button, then two numbers to select a channel over 99.

Or, select a cable channel over 99 by pressing and holding 1 until 1-- appears on the screen. Then press the other two numbers.

#### OFF

Turns off a compatible TV when remote is set to control TV.

#### PREV. CH. (Previous Channel)

Switches between two channels.

Select one channel and then select another. Press PREV. CH. to switch between the two channels.

#### VOLUME ▲/▼

Raises and lowers sound of TV.

## Controlling a VCR

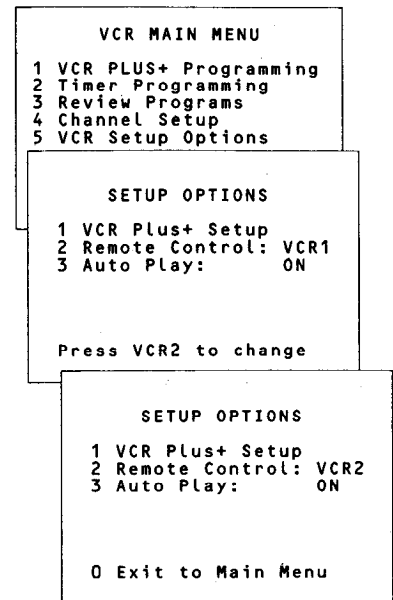
The VCR's remote controls two compatible GE, RCA, or ProScan VCRs with the VCR1 and VCR2 buttons. Most compatible VCRs automatically respond to VCR1 without being programmed. If you own two compatible VCRs, test them to see if VCR1 turns on both VCRs. If it does, then you may want to program this VCR to respond to the VCR2 button on the remote.

### Program the VCR for remote control

Set the Remote Control feature of the VCR to the VCR1 or VCR2 position. The remote then controls the VCR with either the VCR1 or VCR2 button — whichever position you select in the menu.

- A. Press MENU•PROG to display the VCR MAIN MENU.
- B. Press 5 to display SETUP OPTIONS.
- C. Press 2 to activate the Remote Control feature.
- D. Press VCR1 or VCR2 to change the setting and program this VCR to respond to the VCR1 or VCR2 button — whichever you select.

**Important Reminder:** Remember you must press VCR1 or VCR2 on the remote — whichever you selected in the menu — before the remote will operate this VCR.



## Controlling a TV

The VCR's remote is preprogrammed to control the basic functions of a compatible GE, RCA, or ProScan TV.

### Operate the TV

Test the TV buttons to see which ones may operate your TV.

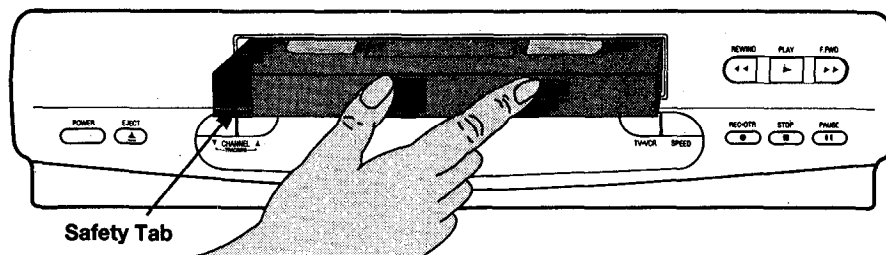
- A. Point the remote at the TV and press TV.
- B. Use the "TV Buttons" as described on page 11.

**Helpful Hint:** Notice the difference between the TV and VCR on-screen displays. This is one way to tell if the remote is set to control the VCR or the TV.

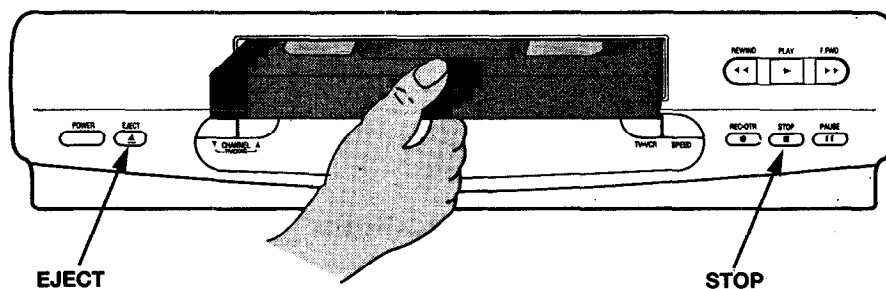
# Operating Instructions

## To play a tape

1. Turn on the TV and tune it to channel 3, 4, or TV's video input to see the picture from the VCR.
2. Insert a tape in the VCR.  
VCR automatically turns on. Tape automatically begins playback if the safety tab on the cassette has been removed and the Auto Play feature is turned on.



3. Press PLAY, if necessary.
4. Press CHANNEL TRACKING on the VCR or TRACKING up or down on the remote to remove any streaks from the picture if necessary. *Details are on page 15.*
5. Press STOP on the VCR or remote.
6. Press REWIND on the VCR or REW. on the remote.  
The VCR will automatically rewind the tape if it reaches the end of the tape during playback. While rewinding, you can also press POWER on the VCR or OFF on the remote and the VCR will automatically turn off after rewinding.
7. Press EJECT on the VCR to eject the tape once it is completely rewound.

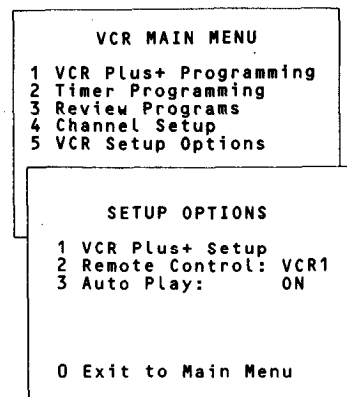


## Using the Playback Features

### Auto Play Feature

This feature lets you tell the VCR whether you want it to automatically start playing a tape that is inserted with the safety tab removed.

1. Press MENU•PROG on the remote to see the VCR MAIN MENU on the TV screen.
2. Press 5 to display the SETUP OPTIONS menu.
3. Press 3 to select Auto Play: ON or OFF.
  - Select ON to have a tape with its safety tab removed start playing automatically.
  - Select OFF if you do not want a tape with its safety tab removed to start playing automatically.



### Pause for Stop Action

This feature stops the tape in action and allows you to examine the details of the scene. Stop action works best for tapes recorded in the SP or SLP speed.

1. Press PAUSE during playback to stop the action.
2. Press TRACKING ▼ or ▲ on the remote or CHANNEL•TRACKING on the VCR to reduce any jittering of the picture.
3. Press PAUSE or PLAY to return to playback.

The VCR will automatically switch from stop-action playback to stop after a few minutes.

### Slow Motion

You can view the picture in slow motion during play or play pause. SLOW ▲ and ▼ allow you to change the speed. Sound is turned off during slow-motion playback. Slow motion works best in the SP or SLP speed.

1. Press SLOW ▲ to increase the speed or ▼ to decrease the speed.
2. Use TRACKING ▲ or ▼ on the remote or CHANNEL•TRACKING on the VCR to remove any streaks from the picture.
3. Press PLAY to return to playback.

The VCR will automatically switch from slow-motion playback to stop after a few minutes.

### Picture Search

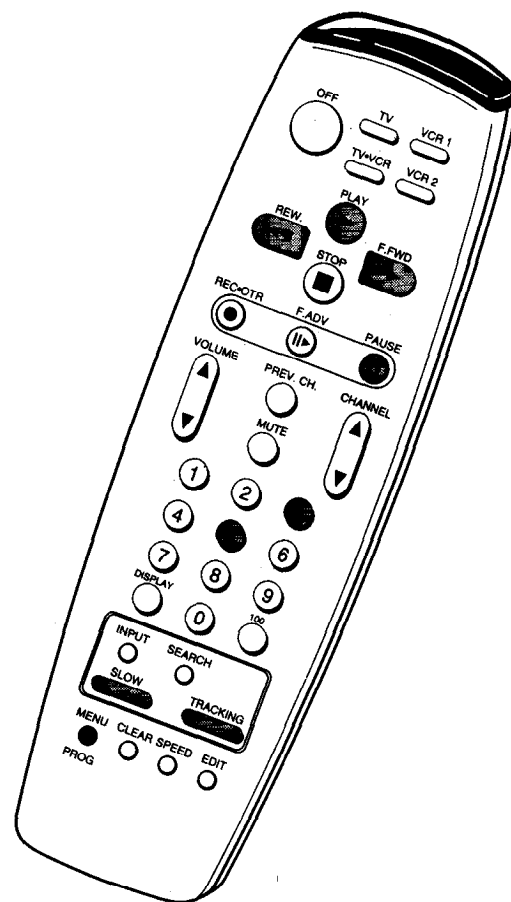
You can search a picture during playback by fast forwarding or rewinding the tape. Sound is turned off during picture search. The picture is best for tapes recorded in the SP or SLP speed.

#### Fast Forward Search

1. Press F.FWD to search forward at a faster-than-normal speed.
2. Press F.FWD or PLAY to return to playback.

#### Rewind Search

Use REW. instead of F.FWD for the same steps in "Fast Forward Search."





## Using the Playback Features

### DISPLAY Button

1. Press DISPLAY to display the status of the VCR, channel number, time counter, date, time, and tape speed on the TV screen.  
The time and date must be set before they are displayed. If you do not press DISPLAY again, this display will time out.
2. Press DISPLAY again to continually display the time counter on the TV screen. The time counter will appear instead of the time in the VCR's display panel (VG4039 only).
3. Press DISPLAY again to remove the time counter from the TV.  
On model VG 4039 the time counter will remain in the VCR's display panel and no status displays will appear on the TV screen. This is convenient for editing tapes.
4. Press DISPLAY again to return to the normal display mode.  
On model VG 4039 the clock will appear in the VCR's display panel and no status displays will appear on the TV screen.

### Frame Advance (F.ADV Button)

Frame advance lets you view one stop-action frame after another. Frame advance works best for tapes recorded in the SP or SLP speed.

1. Press PAUSE to stop the action.
2. Press F.ADV each time you want to view a frame of the scene.
3. Press PAUSE or PLAY to resume normal playback.

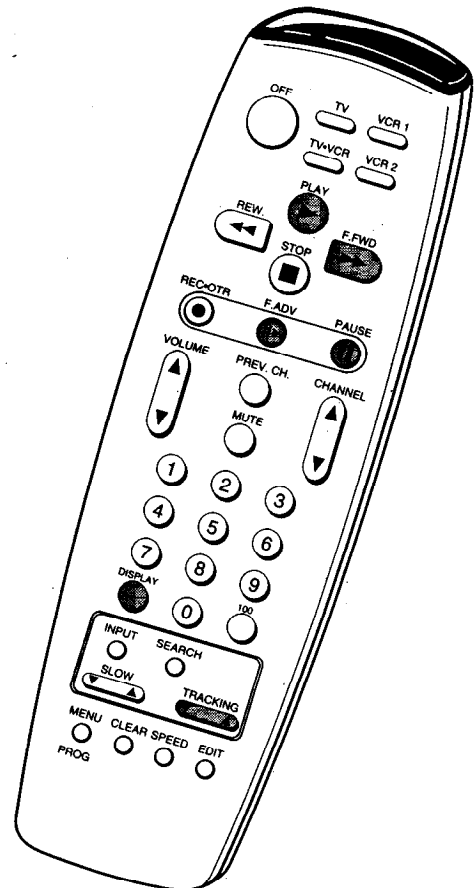
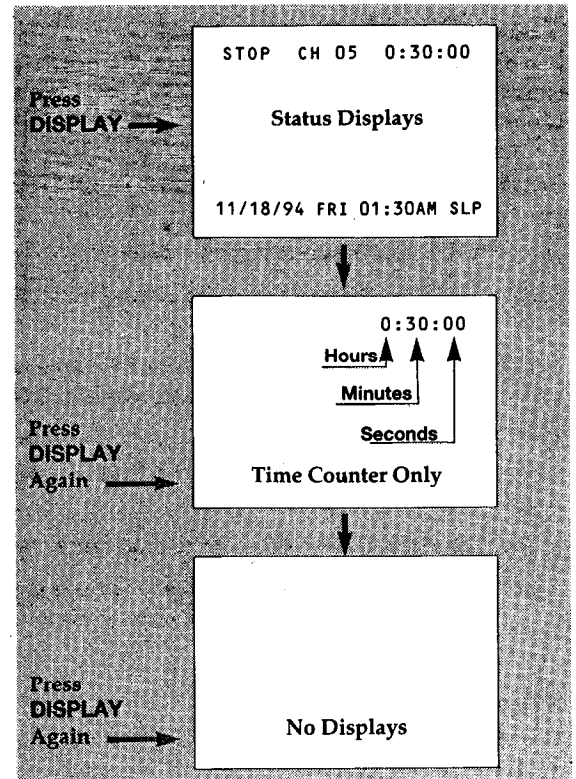
### Automatic Tracking

The VCR has automatic tracking which adjusts the picture when playing back a tape recorded on another VCR. Automatic tracking is turned on whenever a tape is inserted or the VCR's power is turned on.

### Manual Tracking

Occasionally, you may need to manually adjust tracking on a tape recorded on a different VCR or camcorder. The TRACKING buttons on the remote or CHANNEL•TRACKING on the VCR are used when playing a tape. They have no effect during recording.

When streaks or snow appear during normal or slow-motion playback, press TRACKING up or down on remote or CHANNEL•TRACKING on VCR for the best possible picture. During stop-action pause, use the TRACKING buttons to reduce picture jitter.



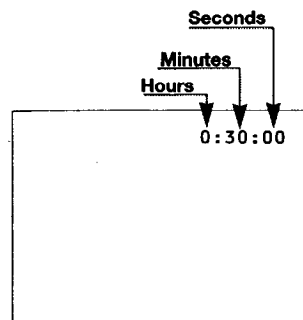
# Using the Playback Features

## Time Counter

The time counter shows the actual time it takes to record a program or play back a segment of a prerecorded tape. It helps locate the beginning or end of programs you taped. The time counter resets to 0:00:00 whenever the tape is ejected from the VCR.

For example, if a 30-minute program was recorded at the beginning of the tape, you would:

1. Insert the prerecorded tape.
2. Press DISPLAY twice to display only the time counter on the TV screen.
3. Press F.FWD on the VCR or FF on the remote to fast forward the tape until the time counter reads 0:30:00.
4. Press STOP.  
This is the approximate end of the program and you can begin recording at this spot.
5. Press CLEAR to reset the time counter to 0:00:00.
6. Press DISPLAY two times to remove the time counter from the screen and return to the normal display mode.

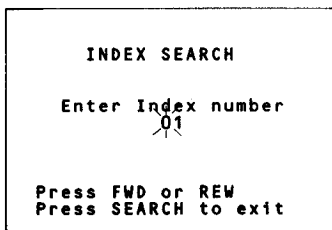


## Index Search

The VCR has a "VHS Index Search System" that automatically records an index mark on the tape every time you stop and start recording. During playback you can locate the program you want to play by the number of index marks.

The VCR will automatically locate the index number you select. The VCR will search forward or reverse from the location you are on the tape.

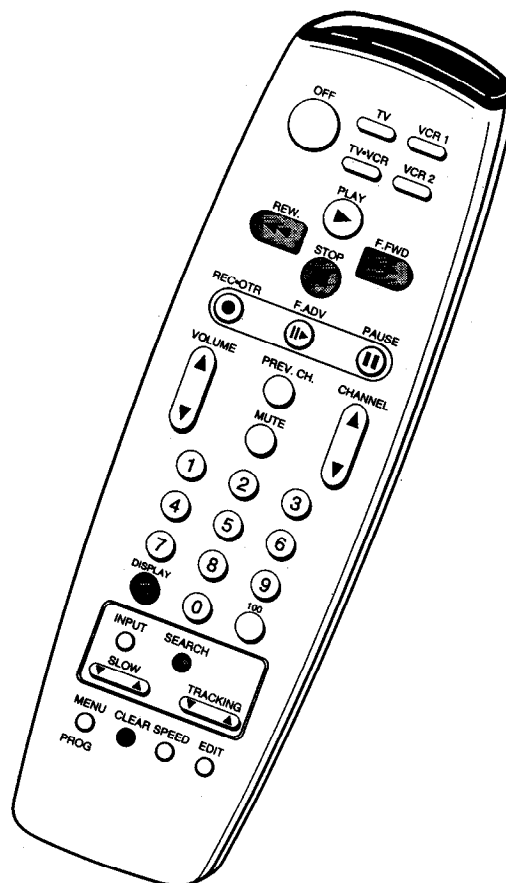
1. Insert the prerecorded tape and press STOP.



2. Press SEARCH on the remote to display the INDEX SEARCH menu on the TV screen.
3. Press two number buttons to enter the number of index marks you want the VCR to search.  
Press CLEAR on the remote to correct an entry.
4. Press F.FWD to search forward or REW to search in reverse.
5. Press STOP to stop index searching.

Some index marks may be missed by the VCR.

- A mark too close to your location on the tape.
- The mark at the beginning of a recorded segment of five minutes or less.
- The first index mark on the tape when you start at the beginning of the tape.

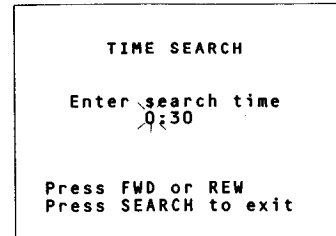


# Using the Playback Features

## Time Search

The VCR will search forward or reverse the amount of time you select from the location you are on the tape.

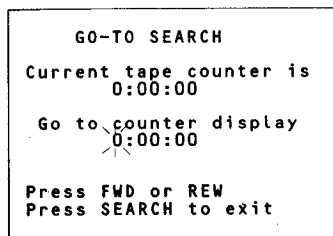
1. Insert the prerecorded tape and press STOP.
2. Press SEARCH on the remote twice to display the TIME SEARCH menu on the TV screen.
3. Press number buttons to enter the amount of time in hours and minutes you want the VCR to search.  
Press CLEAR on the remote to correct an entry.
4. Press F.FWD on the VCR or remote to search forward or REW to search in reverse.
5. Press STOP to stop time searching.



## Go-To Search

The VCR will search for the time counter reading you select and automatically begin playing back the tape.

1. Insert the prerecorded tape and press STOP.
2. Press SEARCH on the remote three times to display the GO-TO SEARCH menu on the TV screen.

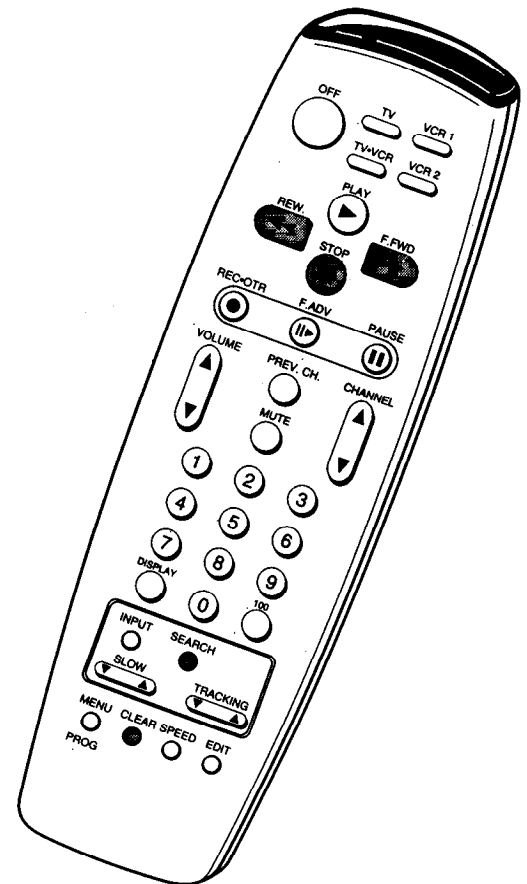


3. Press number buttons to enter the hour(s) and minute(s) of the time counter reading you want the VCR to search.  
Press CLEAR on the remote to correct an entry.
4. Press F.FWD to search forward or REW to search in reverse for the time counter reading you entered.
5. Press STOP to stop go-to searching.

## Commercial Scan (SEARCH Button)

This is useful for scanning commercials or short program segments.

1. Press SEARCH once during playback to advance the tape approximately 60 seconds.
2. Press SEARCH twice during playback to advance the tape approximately 120 seconds.



## Types of Recordings

Your VCR provides different types of recording. These types are explained in the following sections:

**Basic Recording – Operating Instructions**

**One Touch (OTR) Recording**

**Recording While You're Away**

**VCR Plus+ Recording**

**Timer Recording**

**Using Two VCRs for Copying Tapes**

## Basic Recording – Operating Instructions

### To make a recording

Turn on the TV and tune it to the VCR viewing channel, either 3, 4, or TV's video input channel.

1. Insert a tape with safety tab in place.
2. Press VCR1 (VCR2) to set remote to control VCR.
3. If using one of the basic hookups, make sure the VCR indicator appears in the VCR's display panel. If not, press TV•VCR to turn it on.
4. Select recording speed using SPEED on the VCR or remote.  
The tape speed indicator appears on the TV screen.
5. Select the channel to be recorded.  
The channel number appears on the TV screen.
6. Press REC•OTR to begin recording.

### Watch a TV channel while VCR is recording a different channel

1. Follow steps 1 through 6 above.
2. If using one of the basic hookups, press TV•VCR to switch to the TV channel. The VCR indicator will turn off in the display panel.
3. Press TV to set the remote to control TV functions for a compatible TV.
4. Select the channel you want to watch with the TV's channel buttons.
5. Press STOP on VCR or remote when recording is finished.

## Recording Features

### Recording Speeds

Press **SPEED** on the VCR or remote to select a recording speed (SP, LP, or SLP). The speed you select appears on the TV screen.

Cassette	Recording Time		
	SP	LP	SLP
T-120	2Hr	4Hr	6Hr
T-160	2Hr 40Min	5Hr 20Min	8Hr

**SP (Standard Play)** gives the best quality recording. That is why most prerecorded, rental tapes are recorded in SP. Fewer programs can be recorded on the tape. Special effects such as pause, slow motion, picture search, and frame advance work well in this speed.

**LP (Long Play)** gives twice the recording time of tapes recorded in SP. Special effects in playback are not recommended in LP.

**SLP (Super Long Play)** gives three times the recording time of tapes recorded in SP. Special effects such as pause, slow motion, picture search, and frame advance work well in this speed.

### Recording Pause

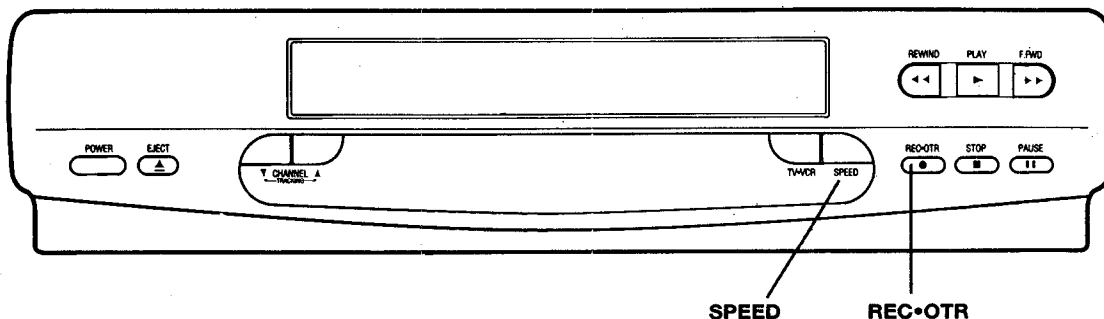
This feature allows you to prevent recording short passages of unwanted material.

Press **PAUSE** during recording to stop and start recording.

The VCR will automatically switch from pause to stop after a few minutes.

# One Touch Recording (OTR)

One touch recording lets you record up to four hours without using the timer program feature. The VCR will turn off automatically at the end of the recording.

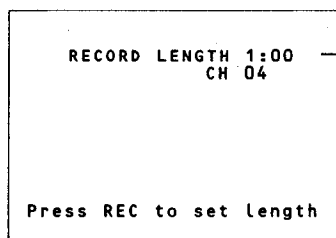


## Operating Instructions

1. Turn on the VCR.
2. Insert a tape with safety tab in place.
3. Select the channel you want to record.
4. Select the desired recording speed using SPEED on the VCR or remote.
5. Press REC•OTR to activate recording.
6. Press REC•OTR repeatedly until the amount of recording time for the program is displayed on the TV screen.

Each press of REC•OTR increases the time — 30 minutes up to 4 hours.

Press REC•OTR	Recording Time
0:30	(30 Min)
1:00	(1 Hr)
1:30	(1 Hr, 30 Min)
2:00	(2 Hrs)
3:00	(3 Hrs)
4:00	(4 Hrs)
0:00	(OTR Turns Off)

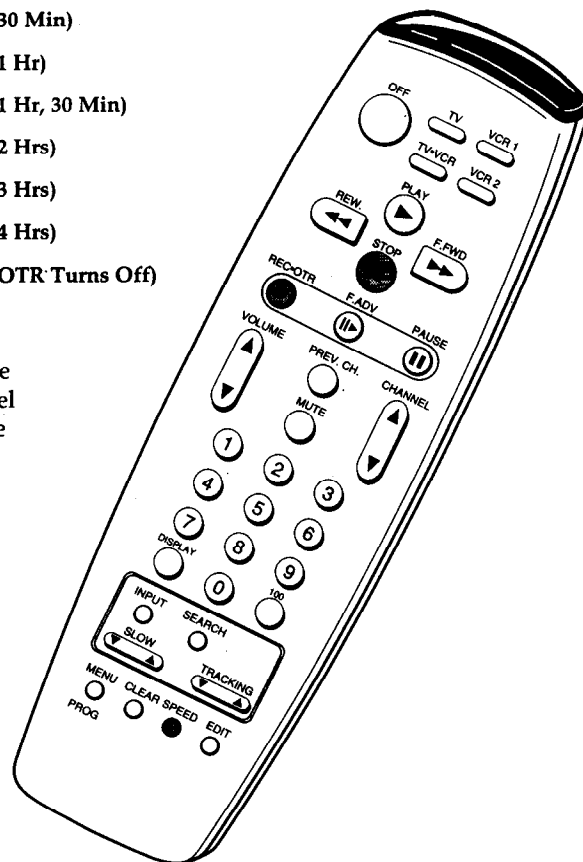


The amount of time the VCR will record and the REC indicator appear in the VCR's display panel (VG4039 only). Pressing REC•OTR displays the time remaining on the TV screen. Pressing REC•OTR again increases the amount of time.

## Stopping a Recording in Progress

**With the VCR:** Press POWER and then STOP within a few seconds.

**With the Remote:** Press VCR1 (VCR2) and then STOP within a few seconds.



# Recording While You're Away

## Select Cable or Satellite Box Viewing Channel (Required Only if All Channels Are Received From a Cable or Satellite Box)

After you select the cable or satellite receiver box viewing channel, the VCR will automatically enter the output channel of your cable or satellite box in the VCR PLUS+ and Timer Programming menus as the channel to be recorded. No VCR Plus+ setup is required when you use a cable or satellite receiver box.

### Operating Instructions

1. Press MENU•PROG on the remote to display the VCR MAIN MENU on the TV screen.
2. Press 4 to display CHANNEL SETUP menu.
3. Press 4 to display Sat./Cable Box Setup menu.
4. Press 1 when the Sat./Cable Box Setup menu appears.
5. Press two numbers on the remote to enter the output channel of your cable or satellite box. Press 0 before a single-digit number. For Example: Press 03 for channel 3.

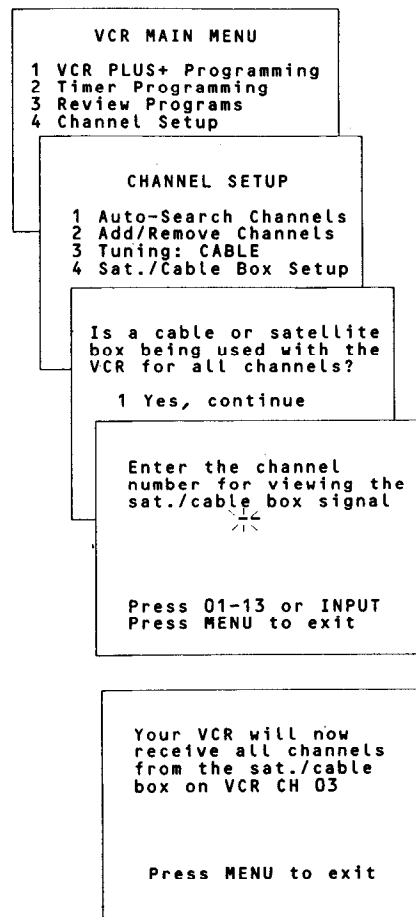
If you connected your cable or satellite box to the VCR using the cable or satellite box's AUDIO/VIDEO OUT jacks, press INPUT on the remote to select the VIDEO IN option.

Press CLEAR to erase a number.

6. Press MENU•PROG when you are finished. A message appears which will time out, or press MENU•PROG to return to CHANNEL SETUP screen.

The VCR will now automatically enter the output channel of your cable or satellite box and CABLE as the channel to be recorded in the VCR PLUS+ and Timer Programming menus.

7. Exit the menu system by following directions at the bottom of the screen.



Turn on the cable box and tune it to the channel you want to record before time for the recording to begin.

# Recording While You're Away (VCR Plus+\* Recording)

## VCR Plus+ Setup for Antenna or Unscrambled Cable Systems (Not Requiring a Cable Box)

A VCR Plus+ channel number is assigned for each broadcast or cable channel. These numbers are listed in most publications that list PlusCode numbers.

1. Prepare a worksheet for the VCR Plus+ channels that are different than the channels you receive them on. Refer to the chart below for standardized VCR Plus+ channel numbers.

Broadcast or Cable-TV Station Name	VCR Plus+ Channel Number	Channel Number You Receive This Station On
HBO	33	See Note 1
ESPN	34	See Note 1
ABC	See Note 2	See Note 1
FOX	See Note 2	See Note 1

**Note 1:** Check your local or cable listing for the channel number you receive this station on.  
**Note 2:** Check your local listing for the broadcast or VCR Plus+ channel number assigned to this station.

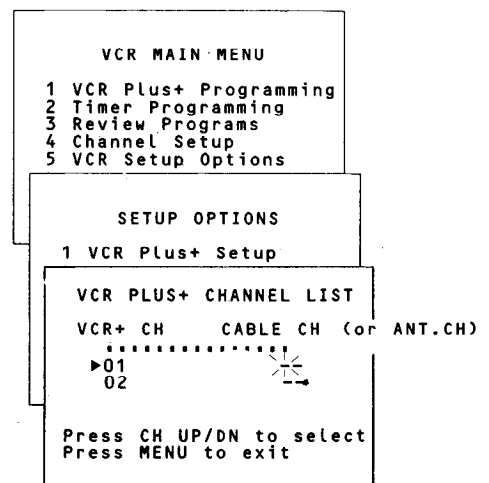
2. Press MENU•PROG on the remote to display the VCR MAIN MENU on the TV screen.
3. Press 5 to display SETUP OPTIONS menu.
4. Press 1 to display VCR PLUS+ CHANNEL LIST menu.
5. Using your worksheet, press two numbers to enter each channel number you receive on a different channel than the assigned VCR Plus+ channel number.

If a channel in your area has been assigned more than one VCR Plus+ channel number, enter that same channel number next to each VCR Plus+ channel number.

Press CHAN up or down to move the VCR+ CH numbers up or down on the menu.

Press CLEAR on the remote to erase a number.

6. Press MENU•PROG when you are finished.
7. Press 0 to exist the menu system.



### Standardized VCR Plus+ Channel Numbers for Cable-TV

U.S.A. List		Canadian List	
35 American Movie Classics	46 Lifetime	51 The Learning Channel	65 MeteoMedia/The Weather Network
39 Arts & Entertainment	58 The Movie Channel	67 Allaroom Pay	48 MuchMusic Network
57 Black Entertainment	48 Music Television	Television/Superchannel	55 MusiquePlus
54 Bravo	49 The Nashville Network	44 Arts & Entertainment	52 Nashville Network
42 Cable News Network	38 Nickelodeon	72 Cable News Network-Headline News	73 Newsworld/CBC
45 Cinemax	64 The Nostalgia Channel	90 House of Commons	53 Le Réseau des Sports
98 Cinemax 2	99 Quality Value Cable	61 Cable News Network	43 The Sports Network
37 The Discovery Channel	41 Showtime	70 Canadian Home Shopping Network	64 Super Ecran
53 The Disney Channel	97 Showtime 2	56 Canal Famille	98 Super Ecran C
63 Entertainment Television	52 Sports Channel	69 Cathay International Television Inc	66 Telatino Network Inc
34 ESPN Sports Network	59 Turner Network Television	68 Chinavisión Canada Corp	46 TV5 Montreal
47 The Family Channel	44 USA Network	60 Country Music Television	92 Viewer's Choice 1
33 Home Box Office	62 Video Hits 1	63 Family Channel	93 Viewer's Choice 2
95 Home Box Office 2	93 Viewer's Choice 1	62 First Choice	94 Viewer's Choice 3
96 Home Box Office 3	94 Viewer's Choice 2	96 First Choice Two	95 Viewer's Choice 4
51 The Learning Channel	55 WGN Chicago	97 First Choice Three	71 Vision TV: Canada's Faith Network
	43 WTBS Atlanta	91 La Chaine Francaise	38 Youth TV, Canada Inc
	60 WWOR New York		

\*VCR Plus+ and PlusCode are trademarks of Gemstar Development Corporation.



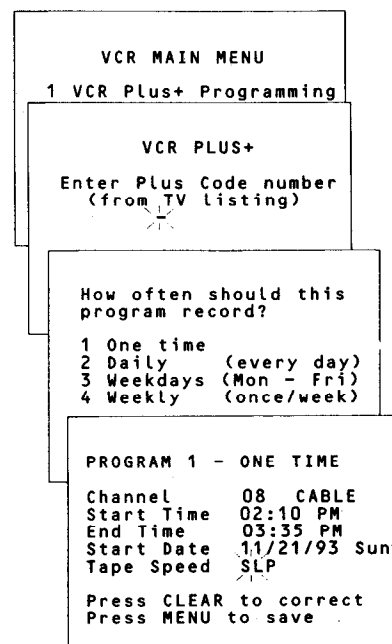
## Recording While You're Away (VCR Plus+ Recording)

The VCR Plus+ and timer program features let you program the VCR to record up to eight different programs within a one year period. Before using VCR Plus+ to record a program, make sure that:

- The clock is set correctly.
- A tape with safety tab has been inserted with enough tape to record the programs.
- The remote is set to control the VCR — using VCR1 (VCR2).
- The VCR is setup for VCR Plus+ programming.
  - If you receive all channels through a cable box, select a cable box viewing channel on page 21.
  - If you do not use a cable box for all channels, complete VCR Plus+ Setup on page 22.

### Setting a VCR Plus+ Recording

1. Press MENU•PROG on the remote to display the VCR MAIN MENU on the TV screen.
2. Press 1 to display the VCR PLUS+ menu.
3. Press numbers on the remote to enter PlusCode number for the program you want to record. VCR PlusCode numbers are found in most local TV listings.  
Press CLEAR on the remote to correct an entry.
4. Press MENU•PROG to enter the program.  
If the VCR does not recognize the PlusCode number, Unrecognized number... Please re-enter appears on the TV screen. Check the number and enter it again.
5. Press 1, 2, 3, or 4 to select type of program.
  - 1 One time – single program recorded once.
  - 2 Daily – program recorded at same time every day.
  - 3 Weekdays – program recorded at same time Monday through Friday.
  - 4 Weekly – program recorded at same time once a week.
6. Select recording speed using the SPEED button.
7. Press CLEAR if you want to change the program End Time.  
This feature allows you to extend the recording time on VCR Plus+ programs. This option may be useful when recording programs such as sporting events that could go past scheduled broadcast times.
8. Press MENU•PROG to enter your program. A reminder appears which will time out or you can press MENU•PROG to return to the VCR MAIN MENU.  
PROGRAMS OVERLAP may appear on the screen if you entered two programs where the times overlap.
9. Repeat steps 2 – 6 for additional programs or press MENU•PROG to remove the menu from the TV screen.
10. **Turn off the VCR** before recording time.  
TIMER appears in the VCR's display panel.
11. If using a cable box, leave it turned on and tuned to the channel you want to record.



### Stopping a Recording in Progress

**With the VCR:** Press POWER, then STOP within a few seconds.

**With the Remote:** Press VCR1 (VCR2), then STOP within a few seconds.

## Recording While You're Away (Timer Recording)

The timer program and VCR Plus+ features lets you program the VCR to record up to eight different programs within a one year period. Before setting the timer, make sure that:

- The clock is set correctly.
- A tape with safety tab has been inserted with enough tape to record the programs.
- The remote is set to control the VCR — using VCR1 (VCR2).
- If you receive all channels through a cable box, select a cable box viewing channel on page 21.

### Setting a Timer Recording

1. Press MENU•PROG on the remote to display the VCR MAIN MENU.
2. Press 2 to display the Timer Programming menu.
3. Press 1, 2, 3, or 4 to select type of program.
  - 1 One time — single program recorded once.
  - 2 Daily — program recorded at same time every day.
  - 3 Weekdays — program recorded at same time Monday through Friday.
  - 4 Weekly — program recorded at same time once a week.

4. Press number buttons on the remote to enter the channel number (or INPUT on remote to select line input), start time including AM or PM, end time, and start date of the recording. Just follow the on-screen prompts.

Press CLEAR on the remote to correct an entry.

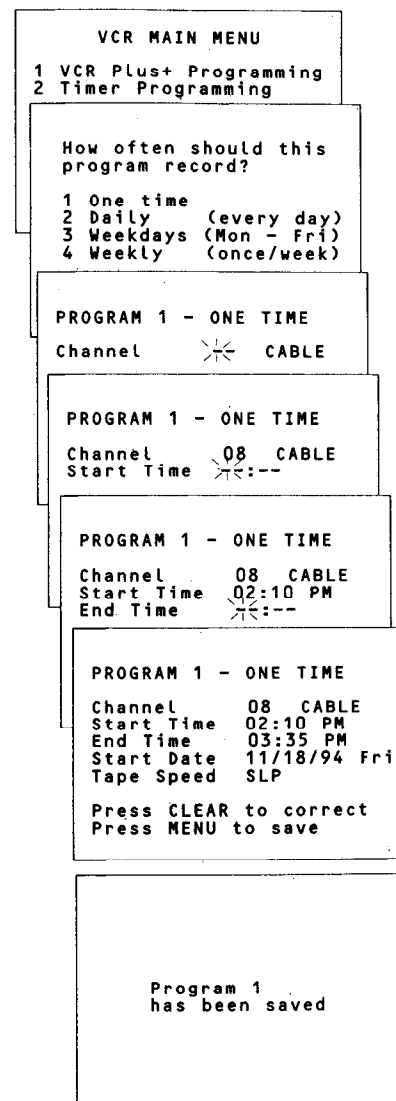
If you receive all channels from a cable box and have completed Cable Box Setup, the output channel of your cable box and CABLE will automatically appear on the menu. See page 21.

5. Select recording speed using the SPEED button on the remote or VCR.
6. Press MENU•PROG to enter your program. A reminder appears which will time out or you can press MENU•PROG to return to the main menu.

PROGRAMS OVERLAP may appear on the screen if you have entered two programs where the times overlap.

7. Repeat steps 2–6 for additional programs or press MENU•PROG to remove the menu from the TV screen.
8. Turn off the VCR before recording begins.
 

TIMER appears in the VCR's display panel.
9. If using a cable box, leave it turned on and tuned to the channel you want to record.



### Stopping a Recording in Progress

**With the VCR:** Press POWER, then STOP within a few seconds.

**With the Remote:** Press VCR1 (VCR2) and then STOP within a few seconds.

## Recording While You're Away (Timer Recording)

### Checking or Clearing VCR Plus+ and Timer Recordings

1. Press MENU•PROG on remote to display VCR MAIN MENU on TV screen.
2. Press 3 for Review Programs.  
Each entered program is displayed for a few seconds in sequence.
3. Press MENU•PROG or 3 to display information at a faster pace.
4. Press CLEAR on the remote when the program you want to erase appears on the screen.

```
VCR MAIN MENU
1 VCR Plus+ Programming
2 Timer Programming
3 Review Programs

PROGRAM 1 - ONE TIME
Channel      08  CABLE
Start Time   02:10 PM
End Time     03:35 PM
Start Date   11/18/94 Fri
Tape Speed   SLP

Press CLEAR to delete
Press MENU for next prog
```

### Timer Recording From the VCR's Line Input

The line input refers to the signal coming from the AUDIO and VIDEO IN jacks of the VCR. Recording from the line input is convenient if you have a satellite receiver or similar component attached to these jacks. To timer record from the component connected to the VCR's line input:

Press INPUT on the remote to enter VIDEO IN instead of the channel number on the TV screen during timer programming.

```
PROGRAM 1 - ONE TIME
Channel      VIDEO IN
Start Time   <:--
End Time     --:--
Start Date   --/--/--
Tape Speed   SLP

Press CLEAR to correct
Press MENU to exit
```

## Using Two VCRs for Copying and Editing Tapes

### Operating Instructions (Refer to hookup on page 6.)

Use one VCR as the playback VCR and the other as the recording VCR. If you have two compatible VCR's, use the AutoEdit™ feature described below.

**Caution:** The unauthorized recording of television programs and other materials may infringe the rights of others.

1. Turn on the TV and VCRs.
2. Tune TV to the VCR viewing channel, either 3, 4, or TV's video input.
3. If you have connected your VCR using Option A (page 6), tune recording VCR to channel 3 or 4 – the one selected on the back of the playback VCR.  
If you have connected your VCR using Option B (page 6), press INPUT on recording VCR's remote to select the line input.
4. Insert the tape you want to copy into playback VCR. Insert a blank tape with safety tab in place into recording VCR.
5. Press PLAY, then PAUSE on playback VCR when you reach the point on the tape or program where you want to begin copying. If the tape was not recorded on the playback VCR, streaks may appear and you may need to adjust TRACKING.
6. Press REC•OTR, then PAUSE, on recording VCR.
7. Press PAUSE buttons on both VCRs at the same time to begin copying the tape.\*
8. Edit out segments that you do not want to copy by pressing PAUSE on recording VCR to stop copying the tape. Then, locate the next segment you want to copy on playback VCR by using F.FWD, REWIND, and PLAY. Press PAUSE on the playback VCR. Press PAUSE at the same time on both VCRs to resume copying.
9. Press STOP on both VCRs when you are finished.

\* You may turn off the TV after the recording has started as it does not have to be on to copy a tape.

### Using Dual Remote with AutoEdit™

Use this VCR as the recording VCR and set it to respond to VCR2 on the remote as described on page 12. Use your other compatible VCR as the playback VCR, which should respond to VCR1.

1. Follow steps 1– 4 in the "Operating Instructions" above.
2. Press VCR2 on remote to control recording VCR. Press REC•OTR, then PAUSE, to put recording VCR in pause mode.
3. Press VCR1 on remote to control playback VCR.
4. Use F.FWD, REW. and PLAY to locate the point where you want to begin copying. Press PAUSE while VCR is playing to put playback VCR in pause mode.
5. Press EDIT on remote; the VCRs will begin copying.
6. Press EDIT again when you want to stop the tape from copying.
7. Repeat steps 4 – 6 as needed.
8. Press VCR1, STOP, then VCR2, STOP, when you are finished.

## Specifications

<b>Format:</b>	VHS
<b>Record/Playback System:</b>	Video: 4-Head Audio: Mono record/playback system
<b>Video Signal System:</b>	EIA standard: NTSC color
<b>Antenna:</b>	75-ohm external VHF/UHF combined antenna terminal
<b>Tuner:</b>	USA: 181 channels capability* (125 cable channels) Canada: 178 channels capability* (122 cable channels)
<b>Type:</b>	AutoProgramming frequency synthesis
<b>Power Requirement:</b>	120V AC, 60 Hz
<b>Power Consumption:</b>	21 watts
<b>Dimensions:</b>	3.5 inches high (89.5 mm) 15.43 inches wide (392 mm) 12.1 inches deep (307.5 mm)
<b>Weight:</b>	9.46 pounds (4.3 kg)
<b>Storage Temperature Range:</b>	- 22°F to +149°F
<b>Operating Temperature Range:</b>	+41°F to +104°F

\*Check your cable company's compatibility requirements.

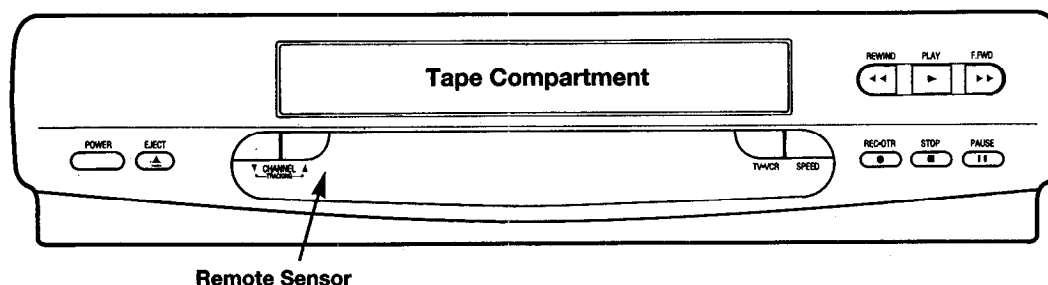
## Cleaning the VCR

Use a soft cloth or dusting attachment of your vacuum cleaner to dust your VCR. Remove dust from the ventilation holes on the top, back, sides, and bottom of the cabinet.

Plastic surfaces are easily scratched and can be marred by alcohol and various solvents. Avoid excessive use of oil-based furniture polishes since the materials used in the cabinet will accumulate more dust. We recommend using a non-abrasive, anti-static cleaner and polisher.

# Location of Controls

## Front Panel



Remote Sensor

### CHANNEL•TRACKING (Up or Down)

Selects next higher or lower channel in the VCR's channel memory.

Adjusts tracking when a tape is playing.

### EJECT

Press when the VCR is stopped to eject the cassette.

### F.FWD (Fast Forward)

Fast forwards the tape when the VCR is stopped. Searches the picture forward during playback.

### PAUSE

Pauses action for viewing during playback. Pauses recording to prevent recording of unwanted scenes.

### PLAY

Plays a tape.

### POWER

Turns the VCR on or off.

### REC•OTR

Starts VCR recording.

Used for one touch recording (OTR).

### Remote Sensor

Receives signals from the remote control. Aim the remote at this sensor with no objects between them.

### REWIND

Rewinds the tape when the VCR is stopped. Searches the picture in reverse during playback.

### STOP

Stops the normal functions such as record, playback, rewind, fast forward, or pause.

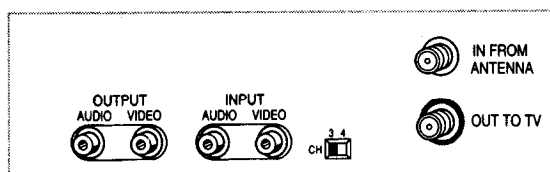
### SPEED

Selects a recording speed (SP, LP, SLP).

### TV•VCR

Switches the picture signal so that it either comes from the VCR or the TV channel. See page 9.

## Back Panel



### CH3 4 Switch

Selects the channel to which you will tune the TV to see the VCR picture if you connect the VCR using one of the basic hookups.

### IN FROM ANTENNA Connector

Receives a signal from an antenna or cable system when attached.

### OUT TO TV Connector

Passes signal to TV using the cable supplied.

### VIDEO INPUT and AUDIO INPUT Jacks

Receives signals from another component, like a VCR or camcorder, when it is connected to these jacks. Use INPUT on remote to select.

### VIDEO OUTPUT and AUDIO OUTPUT Jacks

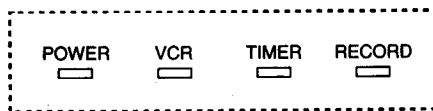
Sends signals from VCR to another component, like a VCR or camcorder, when it is connected to these jacks.

*continued on next page*

## Location of Controls

The display panels for two VCRS are shown below. VCR model VG4038 has LED indicators that light according to the status of the VCR. It is not equipped with a clock or channel indicator on the front display panel. VCR model VG4039 has a fluorescent digital display that indicates the status of the VCR. This model comes equipped with a clock and channel indicator on the front display panel.

### Display Panel for VG4038



#### POWER Indicator

Lights when the VCR is turned on.

#### RECORD Indicator

Shows that the VCR is recording.

#### TIMER Indicator

Shows VCR is set for timer recording when VCR is turned off. It will flash until the on-screen clock is set.

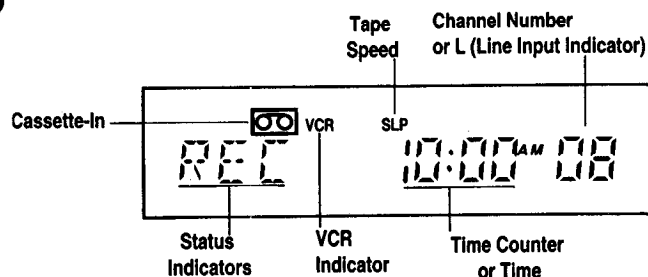
#### VCR Indicator

Lights when using the TV•VCR button.

When using one of the basic hookups:

- When VCR indicator is on, the picture comes from the VCR.
- When VCR indicator is off, picture is from the television channels.

### Display Panel for VG4039



#### Cassette-in Indicator ( )

Lights when a tape is in the VCR.

#### Channel Number or Line Indicator (L)

The channel number or line indicator (L) is displayed.

L lights when you press INPUT on the remote to record from the VIDEO IN and AUDIO IN jacks.

#### Status Indicators

Show what the VCR is doing.

PLAY	Playback
REC P	Record-pause
STILL	Play-pause
STILL	Frame advance
SLOW+	Slow motion
REW	Rewind
SRCH —	Reverse search
F — FWD	Fast forward
SRCH+	Forward search

STOP

TIMER

TAPE Flashing

REC

Stopped

Timer programmed

Tape not inserted

Recording

#### Tape Speed Indicators (SP, LP, or SLP)

Press SPEED on remote to change.

#### Time or Time Counter

Press the DISPLAY button to switch between the current time and time counter.

#### VCR Indicator

Lights when using the TV•VCR button.

When using one of the basic hookups:

- When VCR indicator is on, the picture comes from the VCR.
- When VCR indicator is off, picture is from the television channels.

## Trouble Checks

Sometimes problems can be easily solved by checking a few basic things. Check below before you call for help or take your VCR to an Authorized GE VCR Servicer.

Trouble	Here's what to try:
<b>No power</b>	<ul style="list-style-type: none"> <li>• Plug VCR into an operating outlet.</li> <li>• Check connections.</li> </ul>
<b>VCR does not respond to remote</b>	<ul style="list-style-type: none"> <li>• Press VCR1 (VCR2) to set remote to control the VCR. <i>See page 12.</i></li> <li>• Aim remote at VCR with no objects between them.</li> <li>• Change batteries.</li> </ul>
<b>TV does not respond to remote.</b>	<ul style="list-style-type: none"> <li>• Press TV to set remote to control a compatible TV. <i>See page 12.</i></li> </ul>
<b>VCR only responds to VCR2 button on remote</b>	<ul style="list-style-type: none"> <li>• Check setting of Remote Control: VCR1/VCR2 feature. <i>See page 12.</i></li> </ul>
<b>Poor or no picture for normal TV viewing</b>	<ul style="list-style-type: none"> <li>• Press TV•VCR to turn VCR indicator off.</li> <li>• Switch TV to an active channel.</li> <li>• Check antenna connections.</li> </ul>
<b>Snowy or no picture during playback</b>	<ul style="list-style-type: none"> <li>• Press TV•VCR to turn VCR indicator on.</li> <li>• Check TV channel selected (3 or 4) to make sure it matches the channel selected with CH3 CH4 switch on back of VCR.</li> <li>• Check TV's fine tuning.</li> <li>• Check video cable connections between VCR and TV monitor.</li> <li>• Set TV monitor to video input channel.</li> <li>• Try another tape.</li> <li>• Some snow/streaks are normal during search, frame advance, slow motion, and stop action playback.</li> </ul>
<b>Streaks in picture during normal playback</b>	<ul style="list-style-type: none"> <li>• Press one of the TRACKING buttons on the remote or CHANNEL•TRACKING on the VCR to move streaks up or down and out of the picture.</li> <li>• Check tape — it may be worn out or of poor quality.</li> </ul>
<b>Time counter not working or timer counter not working in search modes</b>	<ul style="list-style-type: none"> <li>• The time counter does not advance during unrecorded portions of tape. When an unrecorded segment of tape is encountered, the time counter will hold its count until recorded material is detected again.</li> <li>• A minus (-) will appear in front of the time if you rewind the tape farther back than a counter reading of 0:00:00.</li> </ul>
<b>Will not record or play</b>	<ul style="list-style-type: none"> <li>• No cassette in VCR.</li> <li>• Eject and re-insert cassette.</li> <li>• Broken tape — try another cassette.</li> <li>• VCR is in pause mode. Press PAUSE.</li> </ul>
<b>Will not record</b>	<ul style="list-style-type: none"> <li>• Safety tab removed from cassette.</li> <li>• Make sure the line indicator does not appear on the TV screen for normal recording from the VCR's tuner. Press INPUT to turn off the line input.</li> </ul>

*continued on next page*



# Trouble Checks

Trouble	Here's what to try:
Rewind does not operate	<ul style="list-style-type: none"> <li>• Tape already rewound.</li> </ul>
Timer recording not made or wrong program recorded	<ul style="list-style-type: none"> <li>• Cable box was not turned on at time recording was to begin.</li> <li>• Program entered incorrectly (wrong channel or times).</li> <li>• Power interruption. Reset clock. <i>See page 9.</i></li> <li>• Check to see if time and date are correct — including AM/PM.</li> <li>• Program exceeded tape's length or tape was not rewound beforehand.</li> <li>• VCR was not turned off at the time recording was to start.</li> <li>• No tape in VCR or cassette's safety tab broken off.</li> <li>• VCR ejects cassette when the end of the tape is reached during a timer recording.</li> </ul>
Incorrect time or date	<ul style="list-style-type: none"> <li>• Clock was not set accurately (check AM/PM and date). <i>See page 9.</i></li> </ul>
VCR makes noise when stopped	<ul style="list-style-type: none"> <li>• VCR is removing tape from heads. This is normal. The head cylinder inside the VCR will continue to rotate for a few minutes after you put the VCR in the stop mode.</li> </ul>
Will not AutoProgram active channels correctly	<ul style="list-style-type: none"> <li>• Check antenna connections.</li> <li>• Check Tuning Mode: CABLE/ANTENNA feature. <i>See page 8.</i></li> </ul>
Tape plays back in slow motion	<ul style="list-style-type: none"> <li>• Press PLAY to return to normal playback.</li> </ul>
Cannot select channels over 69	<ul style="list-style-type: none"> <li>• Cable channels over 69 can only be selected if Tuning Mode: CABLE/ANTENNA feature is set to CABLE.</li> </ul>
Cassette with safety tab removed does not start to play automatically	<ul style="list-style-type: none"> <li>• Set Auto Play ON/OFF feature to ON. <i>Details are on page 14.</i></li> </ul>
No status displays appear on the TV screen when you change channels, etc.	<ul style="list-style-type: none"> <li>• Display off mode is selected. Press DISPLAY. <i>See page 15.</i></li> </ul>

## Limited Warranty

### What your warranty covers:

- Any defect in material or workmanship.

### For how long after your purchase:

- Ninety days for labor charges.
- One year for parts.
- The warranty period for rental units begins with the first rental.

### What we will do:

- Pay any Authorized GE VCR Servicenter the labor charges to repair your VCR.
- Pay any Authorized GE VCR Servicenter for the new or, at our option, refurbished replacement parts required to repair your VCR.

### How you get service:

- Take your VCR to any Authorized GE VCR Servicenter. To identify your nearest Authorized GE VCR Servicenter, ask your dealer, look in the Yellow Pages, or call 1-800-447-1700.
- Show the service technician your evidence of purchase date.
- Pick up your VCR when repairs are completed.

### What your warranty does not cover:

- Customer instruction. (Your Owner's Manual clearly describes how to install, adjust, and operate your VCR. Any additional information should be obtained from your Dealer.)
- Installation and related adjustments.
- Signal reception problems not caused by your VCR.
- Damage from misuse or neglect.
- Cleaning of video/audio heads.
- Remote control batteries.
- A VCR that has been modified or incorporated into other products or is used for institutional or other commercial purposes.
- A VCR purchased or serviced outside the USA.

### Product Registration:

- Please complete and mail the *Product Registration Card* packed with your VCR. It will make it easier to contact you should it ever be necessary. The return of the card is not required for warranty coverage.

### How state law relates to this warranty:

- This warranty gives you specific legal rights, and you also may have other rights that vary from state to state.

### If you purchased your VCR outside the United States:

- See your dealer for details.

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For your nearest Home  
Entertainment Dealer  
or Authorized Servicenter  
call toll-free in the U.S.A.

1-800-447-1700

Canadian Consumers –  
Your toll-free numbers are:

English: 1-800-522-0338

French: 1-800-522-0445

If you would like a copy of this manual in French, please follow the  
instructions below:

Si un livret d'instructions en français n'est pas inclus avec votre appareil,  
vous pouvez en obtenir un (indiquer le numéro de modèle, votre nom, et  
votre adresse) en vous adressant à:

Thomson Consumer Electronics  
Attention: Canadian Operations  
P.O. Box 0944  
Indianapolis, IN 46206-0944

If your VCR needs service, please  
contact your dealer or the nearest Servicenter  
from the yellow pages. Please do not send  
any products to the Indianapolis address listed  
in this manual or on the carton. This will only  
add delays in service for your product.

**Thomson Consumer Electronics**  
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**Indianapolis, IN 46206**

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